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17497 U.S. PTO  
10/646700  
08/25/03

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	03500.015453.2
First Named Inventor or Application Identifier	
Masahiko Kubota	
Express Mail Label No.	

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification <span style="float: right;">Total Pages <b>135</b></span>	a. <input type="checkbox"/> Computer Readable Form (CRF)
4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) <span style="float: right;">Total Sheets <b>37</b></span>	b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper
5. <input checked="" type="checkbox"/> Oath or Declaration <span style="float: right;">Total Pages <b>3</b></span>	c. <input type="checkbox"/> Statements verifying identity of above copies

a.  Newly executed (original or copy)b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)i.  **DELETION OF INVENTOR(S)**  
Signed Statement attached deleting  
inventor(s) named in the prior application, see  
37 CFR 1.63(d)(2) and 1.33(b).6.  Application Data Sheet. See 37 CFR 1.76**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**ACCOMPANYING APPLICATION PARTS**

9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney
11. <input type="checkbox"/> English Translation Document (if applicable)	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations
13. <input checked="" type="checkbox"/> Preliminary Amendment	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	16. <input type="checkbox"/> Other: <u>Claim to Priority</u>

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: Continuation Divisional Continuation-in-part (CIP) of prior application No. 10/127,594, filed April 23, 2002,  
which is a division of Application No. 09/878,946, filed June  
13, 2001

Prior application information:

Examiner L. Liang Group/Art Unit: 2853

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			or <input type="checkbox"/> Correspondence address below
NAME				
Address				
City		State		Zip Code
Country		Telephone		Fax

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1 10251 U S P R O	CLAIMS (1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) CALCULATIONS
	TOTAL CLAIMS (37 CFR 1.16(c))	83 - 20 =	63	X \$ 18.00 =	\$ 1,494.00
	INDEPENDENT CLAIMS (37 CFR 1.16(b))	5 - 3 =	2	X \$ 84.00 =	\$ 168.00
	MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))			\$280.00 =	\$ 280.00
				BASIC FEE (37 CFR 1.16(a))	\$ 750.00
				Total of above Calculations =	\$ 2,692.00
	Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28).				
				TOTAL =	\$ 2,692.00

## 19. Small entity status

- a.  A small entity statement is enclosed
- b.  A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
- c.  Is no longer claimed.

20.  A check in the amount of \$ 2,602.00 to cover the filing fee is enclosed.21.  A check in the amount of \$ \_\_\_\_\_ to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205:

- a.  Fees required under 37 CFR 1.16.
- b.  Fees required under 37 CFR 1.17.
- c.  Fees required under 37 CFR 1.18.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED	
NAME	Michael K. O'Neill, Reg. No. 32,622
SIGNATURE	
DATE	August 22, 2003